

# Contents

STUERMER, C. A. O. Pathways of regenerated retinotectal axons in goldfish. I. Optic nerve, tract and tectal fascicle layer	1-28
GOLDSTEIN, C. D., JANKIEWICZ, J. J. and DESMOND, M. E. Identification of glycosaminoglycans in the chondrocranium of the chick embryo before and at the onset of chondrogenesis	29-49
MUNEOKA, K., HOLLER-DINSMORE, G. V. and BRYANT, S. V. Pattern discontinuity, polarity and directional intercalation in axolotl limbs	51-72
BULLEIT, R. F. and ZIMMERMAN, E. F. The effect of reducing ATP levels on reorientation of the secondary palate	73-84
GOLINSKA, K. Modifications of size and pattern of microtubular organelles in overfed cells of a ciliate <i>Dileptus</i>	85-104
DE PETROCELLIS, L. MAHARAJAN, V., DE PETROCELLIS, B. and MINEI, R. Bud induction in decapitated <i>Hydra attenuata</i> by 5-azacytidine: a morphological study	105-119
MCCAIG, C. D. Myoblasts and notochord influence the orientation of somitic myoblasts from <i>Xenopus laevis</i>	121-131
HALL, B. K. The role of movement and tissue interactions in the development and growth of bone and secondary cartilage in the clavicle of the embryonic chick	133-152
WHITTLE, J. R. S., TIONG, S. Y. K. and SUNKEL, C. E. The effect of lethal mutations and deletions within the bithorax complex upon the identity of caudal metameres in the <i>Drosophila</i> embryo	153-166
SMEDLEY, M. J. and STANISSTREET, M. Calcium and neurulation in mammalian embryos. II. Effects of cytoskeletal inhibitors and calcium antagonists on the neural folds of rat embryos	167-178
SHERMAN, M. I., EGLITIS, M. A. and THOMAS, R. Reversible and irreversible effects of retinol upon the phenotypic properties of embryonal carcinoma cells	179-196
BECHTOL, K. B., HO, W. C. and VAUPEL, S. Biochemical characterization of the adhesion-related differentiation antigen XT-1	197-211
VAN BLERKOM, J. and BELL, H. Regulation of development in the fully grown mouse oocyte: chromosome-mediated temporal and spatial differentiation of the cytoplasm and plasma membrane	213-238
JOHNSON, M. H., MARO, B. and TAKEICHI, M. The role of cell adhesion in the synchronization and orientation of polarization in 8-cell mouse blastomeres	239-255
BELL, K. M. The preliminary characterization of mitogens secreted by embryonic chick wing bud tissues <i>in vitro</i>	257-265
SCHMIDT, G. H., WILKINSON, M. M. and PONDER, B. A. J. Clonal analysis of chimaeric patterns in aortic endothelium	267-280
HISCOCK, J. and STRAZNICKY, C. The formation of axonal projections of the mesencephalic trigeminal neurones in chick embryos	281-290
GUTZEIT, H. O. and HUEBNER, E. Comparison of microfilament patterns in nurse cells of different insects with polytrophic and telotrophic ovarioles	291-301
INDEX OF AUTHORS AND TITLES	303-304
INDEX OF SUBJECTS	305-308